

4th Uppsala workshop on Particle Physics with Neutrino Telescopes (PPNT19)



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Tests of fundamental laws with neutrino telescopes

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In the last years we measure for the first time ultra high energy astrophysical neutrinos with the IceCube neutrino telescope. This is not only an extremely relevant discovery for astrophysics but also a remarkable opportunity to test physics fundamental laws. In this talk I will discuss how we can use astrophysical neutrinos to test fundamental laws, I will review the current results, and present briefly the promising future.

Summary

Primary author: SALVADO, Jordi

Presenter: SALVADO, Jordi